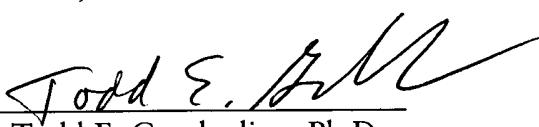


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Per-Ake Nygren, Mathias Uhlen and Olof Nord
Serial No. : 10/030,652
Filed : November 9, 2001
For : SELF-ASSEMBLING BIOMOLECULAR
STRUCTURES
Examiner :
Attorney Docket : 102359-100
Group Art Unit :
Confirmation No. : 4666

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP SEQUENCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

20 June 2003.

By 
Todd E. Garabedian, Ph.D.
Registration No. 39,197
Attorney for Applicant(s)

REPLY TO NOTIFICATION OF DEFECTIVE RESPONSE

MAIL STOP SEQUENCE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With respect to the Notification of Defective Response mailed June 13, 2003, and having a one month period for response that expires on July 13, 2003, Applicants submit the following items relating to the above-identified patent application:

In the Notification of Defective Response, it was indicated that the computer readable form (CRF) of the Sequence Listing was melted and unreadable.

Applicants submit herewith a substitute CRF and paper copy of the sequence listing in accordance with the request from the US Patent Office.

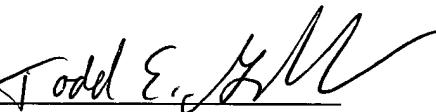
Applicants submit that the content of the paper copy and the computer readable copy are the same, and where applicable, include no new matter. Applicants respectfully request that this substitute sequence listing be entered into the present application.

Applicants also take this opportunity to remind the US Patent Office that a Revocation of Original Power of Attorney and Grant of New Power of Attorney was filed in this application on July 30, 2002. In that Revocation, Applicants revoked the appointment of the attorneys of the law firm of Nilles & Nilles, and appointed the attorneys of Wiggin & Dana LLP. Copies of this Revocation and New Power of Attorney are enclosed. Applicants respectfully request that all future correspondence be sent to the law firm of Wiggin & Dana LLP as indicated on the Revocation and Power of Attorney.

The US Patent Office is authorized to charge any fees due with this response to
Deposit Account No. 23-1665.

Respectfully submitted,

PER – AKE NYGREN ET AL.

By 
Todd E. Garabedian, Ph.D.
Registration No. 39,197
Attorney for Applicant(s)

WIGGIN & DANA LLP
One Century Tower
New Haven, CT 06508
Telephone: (203) 498-4400
Fax: (203) 782-2889
Date: 30 June 2003

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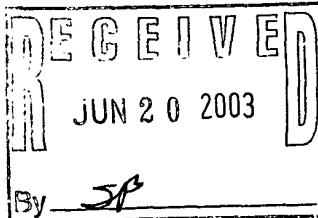


UNITED STATES PATENT AND TRADEMARK OFFICE

W1045.
 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/030,652	Per-Ake Nygren	2039.003

James E Nilles
 Nilles & Nilles
 Firststar Center Suite 2000
 777 East Wisconsin Avenue
 Milwaukee, WI 53202



INTERNATIONAL APPLICATION NO.	
PCT/GB00/01843	
LA. FILING DATE	PRIORITY DATE
	05/15/2000

CONFIRMATION NO. 4666
 371 FORMALITIES LETTER

 OC000000010244982

Date Mailed: 06/13/2003

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Indication of Small Entity Status
 Copy of the International Application filed on 01/09/2002
- Copy of the International Search Report filed on 01/09/2002
- Copy of IPE Report filed on 01/09/2002
- Preliminary Amendments filed on 01/09/2002
- Biochemical Sequence Diskette filed on 08/05/2002
- Oath or Declaration filed on 08/05/2002
- Biochemical Sequence Listing filed on 01/09/2002
- Small Entity Statement filed on 01/09/2002
 Copy of references cited in ISR filed on 01/09/2002
- U.S. Basic National Fees filed on 01/09/2002
- Substitute Specification filed on 01/09/2002
- Assignee Statement filed on 08/05/2002
- Power of Attorney filed on 08/05/2002



Applicant's response filed 08/05/2002 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 04/01/2002 have not been completed.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- **APPLICANT MUST PROVIDE:**
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 308-2600
 - For PatentIn Software Program Help, call (703) 308-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

LAMONT M HUNTER

Telephone: (703) 305-3686

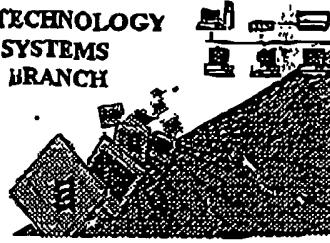
PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/030,652	PCT/GB00/01843	2039.003

FORM PCT/DO/EO/016 (371 Formalities Notice)

MAIL | Le'llie

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SYSTEMS
BRANCH**



PC10

CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10/030,652
Filing Date: 01/09/2002
Date Processed by STIC: 5/16/03

STIC Contact: Mark Spencer, 703-308-4212

Nature of Problem:

Melted

The CRF (was):

- (circle one) Damaged or Unreadable (for Unreadable, see attached)
- Blank (no files on CRF) (see attached)
- Empty file (filename present, but no bytes in file) (see attached)
- Virus-infected. Virus name: _____ The STIC will not process the CRF.
- Not saved in ASCII text
- Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.
- Did not contain a Sequence Listing. (see attached sample)
- Other: _____

**PLEASE USE THE CHECKER VERSION 4.0 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio** (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual- ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service , or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 S uth Clark Place, Arlington, VA 22202

Revised 04/24/2003